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January 14, 2020

VIA ELECTRONIC FILING

The Honorable Jocelyn Boyd
Chief Clerk / Executive Director
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, SC 29210

Re: Program Modifications to Duke Energy Carolinas, LLC's Neighborhood Energy Saver Program
Docket No. 2013-298-E

Dear Ms. Boyd:

Duke Energy Carolinas, LLC ("DEC" or the "Company") requests approval from the Public Service Commission of South Carolina (the "Commission") of proposed modifications to the Neighborhood Energy Saver Program ("NES" or the "Program"). This letter is accompanied by redlined and clean versions of the associated tariffs.¹

Currently, the Program uses third-party and census data to identify neighborhoods in which 50% or more of the households are equal to or below 200% of federal poverty levels, and all households within an identified neighborhood are eligible to participate. DEC sends a team into those neighborhoods with a package of energy conservation measures to perform energy audits in the home and directly install the measures while on site.

The Company seeks approval to provide additional measures, such as insulation, duct sealing, air sealing and a smart thermostat to households within the eligible neighborhoods that consume more energy per square foot than homes of similar size and construction ("high consumption households"), including manufactured and mobile homes. The Company also proposes certain other limited revisions to the tariff, including broadening "compact fluorescent bulbs" to the more general "energy efficient lighting," which would include LEDs, and adding other measures, such as switch plate thermometers and refrigerator thermometers.

¹ The instant filing is being made concurrently with proposed changes to other energy efficiency ("EE") and demand-side management ("DSM") programs administered by DEC and Duke Energy Progress, LLC filed in Docket Nos. 2015-163-E, 2016-80-E, and 2016-82-E.



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DEC believes that the proposed tariff changes will improve the performance of the Program, and that the high consumption household measures could save these customers up to 2,200 kilowatt hours a year. The proposed tariff changes are shown in redlined and clean format in Attachments A and B to this letter, respectively.

Kind regards,

Sam Wellborn

SJW:tch

Enclosures

c w/enc: Parties of Record (via email)
Heather Shirley Smith, Deputy General Counsel (via email)
Rebecca J. Dulin, Associate General Counsel (via email)

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Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina ~~Original~~ First Revised Leaf No. 164
Superseding South Carolina Original Leaf No. 164

RESIDENTIAL INCOME-QUALIFIED ~~ENERGY EFFICIENCY AND~~
~~WEATHERIZATION ASSISTANCE FOR RESIDENTIAL~~ NEIGHBORHOODS ENERGY SAVER
PROGRAM (SC)

PURPOSE

The purpose of this program is to assist low-income customers in reducing energy costs through energy education and by installing or providing energy efficiency measures for the customer's residence.

AVAILABILITY

This program is available only to individually-metered residential customers in neighborhoods selected by Company, at its sole discretion, which are considered low-income based on third party and- census data which includes income level and household size. -Areas targeted for participation in this program will typically have 50% or more of the households with income equal to or less than 200% of the poverty level established by the U. S. Government. Households with higher consumption will be offered additional measures to address high energy use.

PROGRAM

Under this program, participating customers will receive the following:

- An energy assessment to identify energy efficiency opportunities in the customer's home.
- One-on-one education on energy efficiency techniques and measures.
- —A comprehensive package of energy conservations measures will be identified from the energy assessment. -These measures, which will- either be installed or provided to the customer may include but are not limited to the following:
 - Compact Fluorescent Bulbs
 - Energy Efficient Lighting
 - Electric Water Heater Wrap and Insulation for Water Pipes-
 - Electric Water Heater Temperature Check and Adjustment
 - Water-Saving Faucet Aerators
 - —Water-Saving Showerheads
 - —Low Flow Faucet Aerators
 - —Low Flow Showerheads Wall Plate Thermometer
 - Switch Plate Thermometer
 - Refrigerator Thermometers
 - Window HVAC Winterization Kits
 - HVAC Filters
 - Change Filter CalendarEnergy Savings Tips Refrigerator Magnet
 - Air Infiltration Reduction Measures—Weather stripping, door sweeps, caulk, foam sealant, and clear patch tape will be installed to reduce or stop air infiltration around doors, windows, attic hatches, and plumbing penetrations.

In addition to the measures above, measures offered to high consumption households may include, but are not limited to, the following:

- Insulation
- Air Sealing
- Duct Sealing
- Smart Thermostat

South Carolina ~~Original~~ First Revised Leaf No. 164Effective for service on and after January 1, 2014PSCSC Docket No. 2013-298-EOrder No. 2013-889

RESIDENTIAL INCOME-QUALIFIED NEIGHBORHOOD ENERGY SAVER PROGRAM (SC)

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 - Electric Water Heater Wrap and Insulation for Water Pipes
 - Electric Water Heater Temperature Check and Adjustment
 - Water-Saving Faucet Aerators
 - Water-Saving Showerheads
 - Switch Plate Thermometer
 - Refrigerator Thermometers
 - Window AC Winterization Kits
 - HVAC Filters
 - Energy Savings Tips Refrigerator Magnet
 - Air Infiltration Reduction Measures

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- Insulation
- Air Sealing
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- Smart Thermostat